

**WEST**

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Search Form

Posting Counts

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

starting with: PROCESS\$(PROCESSING-LINES).P28-P86,P88-P88,P23-P27,P20-P22,P1-P18,P19-P19.

**Search Results -**

Terms	Documents
13 and document same process\$	26

Database:

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
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 IBM Technical Disclosure Bulletins

Refine Search:

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**Search History**

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<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 and document same process\$	26	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and folder	36	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and (707/5)!.CCLS. or 707/6.ccls.	759	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	similar\$ and documents	76561	<u>L1</u>

**WEST**

Generate Collection

L3: Entry 34 of 36

File: USPT

Jan 28, 1997

US-PAT-NO: 5598557

DOCUMENT-IDENTIFIER: US 5598557 A

TITLE: Apparatus and method for retrieving and grouping images representing text files based on the relevance of key words extracted from a selected file to the text files

DATE-ISSUED: January 28, 1997

## INVENTOR-INFORMATION:

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Emmons; Ian D.	Richmond	CA	N/A	N/A
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APPL-NO: 7/ 948669

DATE FILED: September 22, 1992

INT-CL: [6] G06F 17/30, G06F 17/21

US-CL-ISSUED: 395/605; 364/419.19, 395/348, 395/759

US-CL-CURRENT: 707/5; 345/348, 704/9

FIELD-OF-SEARCH: 395/600, 395/159, 364/419.08, 364/419.19

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

☐ Search Selected☐ Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4359824</u>	November 1982	Glickman et al.	364/419.19
<input type="checkbox"/> <u>4839853</u>	June 1989	Deerwester et al.	395/600
<input type="checkbox"/> <u>4868733</u>	September 1989	Fujisawa et al.	395/600
<input type="checkbox"/> <u>5020019</u>	May 1991	Ogawa	395/600
<input type="checkbox"/> <u>5060135</u>	October 1991	Levine et al.	364/200
<input type="checkbox"/> <u>5062074</u>	September 1991	Kleinberger	395/600
<input type="checkbox"/> <u>5211563</u>	May 1993	Haga et al.	434/322
<input type="checkbox"/> <u>5263159</u>	November 1993	Mitsui	395/600
<input type="checkbox"/> <u>5276616</u>	January 1994	Kuga et al.	364/419.8
<input type="checkbox"/> <u>5297042</u>	March 1994	Morita	364/419.19

## OTHER PUBLICATIONS

Salton et al., "Parallel Text Search Methods", Communications of the ACM vol. v31 Issue N2 p. 202(14), Feb. 1988.

6/25/01 12:54 PM

Kimoto et al "A Dynamic Apparatus and Its Application to Automated Information Retrieval" Jul. 1991 IJCNLP--Seattle IEEE Press pp. 19-29 vol. 1.  
Churbuck, "Haystack Searching", Forbes, V. 149, n. 4 Feb. 17, 1992, pp. 130 (2).  
Donna Harman and Gerald Candela, "Retrieving Records from a Gigabyte of Text on a Minicomputer Using Statistical Ranking", Dec. 1990, pp. 581-589.  
Kimoto et al., "Automatic Indexing System for Japanese Text" 1989, Review of the Electrical Communications Laboratories, V. 37, No. 1, pp. 51-56.  
Al-Hawamdeh, S. et al., "Compound Document Processing System", Proc. of the Fifteenth Annual International Computer Software and Applications Conf., pp. 640-644 Sep. 1991.  
Salton, G. et al., "The SMART Automatic Document Retrieval System--An Example", Communications of the AMC, vol. 8 No. 6, pp. 391-398 Jun. 1965.

ART-UNIT: 237

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ASSISTANT-EXAMINER: Choules; Jack M.

ATTY-AGENT-FIRM: Blakely, Sokoloff, Taylor & Zafman

**ABSTRACT:**

An apparatus for searching and retrieving files in a database without a user being required to provide keywords or query terms. A user first selects and opens a reference file. A natural language recognition algorithm is used to determine the subject words of the selected file. Next, a statistical comparison between the subject words and the contents of files in a database is performed. Based on the statistical comparison, files are assigned weighted relevancies. Relevant files are prioritized and displayed to the user in groups. The groups are formed based on the retrieved files relevance to specific subject words of the selected file. The groups of retrieved files are displayed in associating with the subject word they are relevant to.

30 Claims, 8 Drawing figures

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:****Display:**  **Documents in Display Format:**  **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Image

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**Search History****Today's Date:** 6/25/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and information	9	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	14 and judg\$	10	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 and candidate	29	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and (folder\$ or container\$)	337	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and folder\$ or container\$	824965	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	document adj process\$	6504	<u>L1</u>